

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**Certificate**

Patent No. PP13,819 P2

Patented: May 13, 2003

On petition requesting issuance of a certificate for correction of inventorship pursuant to 35 U.S.C. 256, it has been found that the above identified patent, through error and without any deceptive intent, improperly sets forth the inventorship.

Accordingly, it is hereby certified that the correct inventorship of this patent is: Jules Janick, West Lafayette, IN (US); Edwin B. Williams, Lafayette, IN (US); Joseph C. Goffreda, Monmouth, NJ (US); and Schuyler S. Korban, Champaign, IL (US).

Signed and Sealed this Twenty-fifth Day of March 2008.

**ANNE M. GRUNBERG**  
*Supervisory Patent Examiner*  
Art Unit 1661